



0300

MIM

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/076,552
Filing Date	19 FEB 02
First Named Inventor	Joshua C. HARRISON
Group Art Unit	3619
Examiner Name	
Attorney Docket Number	

Including transmittal form
Total Number of Pages in This Submission **54**

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment <u>Reply</u> letter (one page)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	• SUBSTITUTE SPEC (clean)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	• SUBSTITUTE SPEC (marked -up)
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	This submission is responsive to USPTO Notice (of 13MAR02) to File Corrected Application Papers.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Joshua C. HARRISON
Signature	<i>Joshua C. Harrison</i>
Date	19 MAR 02

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

Typed or printed name			
Signature		Date	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Re: Application of Joshua C. Harrison :

Application No.10/076,552

: Group Art Unit 3619

Filed: 19FEB02

For: SAFETY DEVICE FOR SNOWBOARDS

Response to Notice of 13MAR02 to File Corrected Application Papers

Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

Sir:

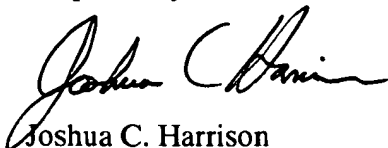
Thank you for your notice dated 13 March 2002 informing me that I incorrectly spaced the lines of text in my written specification filed 19 February 2002, and requiring me to submit a substitute specification. It is my hope that this letter, and the materials that I have submitted with this letter, will fully respond to your 13MAR02 notice and requirement.

The substitute specification that I submit herewith in satisfaction of your 13MAR02 notice has 1.5 line spacing in compliance with 37 CFR §1.52(b). The substitute specification includes no new matter.

After filing application 10/076,552, but before the date of your 13MAR02 notice, I submitted a preliminary amendment to the specification and claims. The preliminary amendment was dated 05MAR02 and was posted on 06MAR02.

I believe that it is proper for me to incorporate the changes made by the 05MAR02 preliminary amendment into the substitute specification that I now submit, according to 37 CFR §1.125(b). I have included with this letter a substitute specification in clean form as required by 37 CFR §1.125(c). I have also included with this letter a marked-up copy of the substitute specification showing matter added to and matter deleted from the specification of record (by the 05MAR02 preliminary amendment) as required by 37 CFR §1.125(b)(2). This letter includes language satisfying 37 CFR §1.125(b)(1).

Respectfully submitted,

 19MAR02
Joshua C. Harrison

10076552-03102



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/076,552	02/19/2002	Joshua Charles Harrison	

CONFIRMATION NO. 1793

FORMALITIES LETTER



OC000000007628725

Joshua Charles Harrison
6553 CYPRESS POINT ROAD
ALEXANDRIA, VA 22312

Date Mailed: 03/13/2002

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- A substitute specification in compliance with 37 CFR 1.52 because:
 - Line spacing on the specification, claims, or abstract is not 1-1/2 or double spaced (See 37 CFR 1.52(b)).

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

2007-03-13 10:00:00

Marked-up copy of the
substitute specification,
excluding claims, to
satisfy the requirement
of 37 CFR § 1.125(b)(2).



SAFETY DEVICE FOR SNOWBOARDS

BACKGROUND OF THE INVENTION

1

relates generally to sports equipment. The present invention relates
to a safety device for the sport of snowboarding, and to safety devices used to
prevent injury while snowboarding.

2. Background

Snowboarding is a winter sport that has gained in global popularity and is now commonly
practiced at most ski resorts in the United States. Many Americans have already purchased
equipment for snowboarding. This equipment usually includes a snowboard, snowboarding
boots, and bindings to attach the snowboarding boots to the snowboard.

Two general types of snowboard bindings are owned by Americans today: "strap-in"
snowboard bindings and "click-in" snowboard bindings. Both types of bindings are attached
to the snowboard by threaded fasteners and are not removed from the snowboard during use.
Neither type of binding is designed to separate from the snowboard under the force of a
crash.

With strap-in bindings, the snowboarding boot is attached to the bindings by straps that
must be connected and tightened. The straps must be loosened and/or disconnected to detach
the snowboarding boots from the bindings. Strap-in bindings also serve to structurally
reinforce the snowboarder's ankles while snowboarding (i.e. when the straps are tightened).
Because the strap-in bindings provide the necessary rigidity around the snowboarder's
ankles, the snowboarding boots need not be designed to be rigid or stiff. Therefore, the
snowboarding boots that are designed to be compatible with strap-in bindings can be
designed to be comfortable for normal walking. However, the feature facilitating
comfortable boot design does not significantly enhance safety while snowboarding nor
significantly reduce the chance of injury while snowboarding. Contemporary strap-in
bindings are not designed to allow the separation of the boots from the snowboard under the
force of a crash.